

SweepersOnline, Inc. would like to introduce you to the only OEM (Original Equipment Manufacturer) one-piece steel backed Street Sweeper Side Broom.

- Our brooms are designed to be recycled into the metals recycling waste stream, not disposed of into a landfill.
- Our brooms are faster, easier and safer than segmented brooms to mount and dismount on your sweeper.
- These brooms mount with half the number of fasteners of segmented brooms.
- Our Brooms Will Save You Time and Money
- Our Brooms Fit All Makes and Models of Sweepers

SweepersOnline, Inc. is now distributing sweeper brooms with an 11-year track record of manufacturing excellence.

We have entered this endeavor with several goals in mind.

Our first goal was to distribute a quality product line to fit many sweepers and furnish a quality broom to the sweeping industry, that would improve sweep and flick over segment brooms, while giving longer broom life. We accomplished this by offering brooms with a 35-degree pitch angle of the wire instead of the 20-degree pitch of segment brooms.

Our second goal was to furnish a broom that would be easier, faster and safer to change. We accomplished this goal by featuring brooms with a one-piece steel back design. Our brooms contain half the fasteners of segment brooms. For example, a Leach Vac/All with a 9 bolt, 3-segment broom is replaced with our 3 bolt mount broom.

Our third goal was to provide a broom that was completely recyclable in the metals recycling waste streams and environmentally safe. We accomplished this with the one-piece steel back design. Plastic or wood back brooms are not recyclable in either metals or general recycling waste streams, unless the wire is removed from the backer. When recyclers receive the mixed product, they do not separate the wire from the back, they dispose of them into a landfill. Sweeper brooms have for decades been disposed of in landfills, and still are today. Broom wire contains toxic metals that will break down and migrate to the groundwater supply. The metals are "Cadmium", "Chromium", "Copper", "Nickel", Vanadium and "Lead" depending on manufacturer.

Our fourth goal was to distribute brooms manufactured by a process that would be as environmentally safe as our product. The manufacturing process has no reportable emissions requirements under any Federal, State or Local environmental regulations.

Our commitment to providing a quality, environmentally safe product, that will return real value to our customers, is first and foremost. Our quality standards are set high to ensure our customers will receive the value they deserve.

Broom Characteristics

Steel Wire Broom

28" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 6 *	43 Lbs	55 Lbs

36" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 4 *	65 Lbs	91 Lbs

44" Broom

Fasteners	Standard Duty	"Super Duty"
4 to 8 *	85 Lbs	116Lbs

Combo Wire Broom

28" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 6 *	26 Lbs	32 Lbs

36" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 4 *	37 Lbs	50 Lbs

44" Broom

Fasteners	Standard Duty	"Super Duty"
4 to 8 *	55 Lbs	73 Lbs

Poly Wire Broom

28" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 6 *	15 Lbs	18 Lbs

36" Broom

Fasteners	Standard Duty	"Super Duty"
3 to 4 *	23 Lbs	29 Lbs

44" Broom

Fasteners	Standard Duty	"Super Duty"
4 to 8 *	30 Lbs	38 Lbs

Dirty Digger Broom

28" Broom

Fasteners	Standard Duty	"All Rope"
3 to 6 *	47 Lbs	50 Lbs

36" Broom

Fasteners	Standard Duty	"All Rope"
3 to 4 *	57 Lbs	60 Lbs

44" Broom

Fasteners	Standard Duty	"All Rope"
4 to 8 *	78 Lbs	82 Lbs

Machines our Brooms Fit

Applied Sweeper	Athey Mobile	Beam
Broom Bear	City Cat	Elgin
Five Star	Johnston	Vac/All
LLB	Masco	Mathieu Yno
Murphy	Ravo	Schmidt
Schorling	Schwarze	Sweepster
Tennant	Tymco	

Frequently Asked Questions:

Pricing

Our brooms are very competitively priced when all factors are taken into account. The quality and durability of our brooms make them an exceptional value.

Shipping Time

Our objective at SweepersOnline, Inc. is to service our customers as expediently as possible. All orders received will be shipped the next day after production is completed, with approved credit.

Warranty Information

Our brooms are fully warranted against defects in materials or workmanship. If our broom fails under normal sweeping conditions, we will replace the broom, issue a credit memo or issue a refund check. The warranty does not cover impact damage or abuse. Contact us for details.

Environmental Issues

"Why should I recycle used brooms?"

Broom wire contains toxic metals that are to be reported to, regulated and controlled by the E.P.A. annually. The metals are needed in the wire to make the wire perform in the sweeping process. The metals are "Cadmium" "Chromium" "Copper" "Nickel" "Vanadium" and "Lead", depending on manufacturer. The amount of metals will vary by wire manufacturer. Once the metals are placed into a landfill, they will eventually break down and migrate to the ground water supply.

"Why recycle if we only use a few brooms a year?"

You may only dispose of a few brooms a year from your operation, but you are not the only operation disposing of brooms. Last year, a major machine manufacturer sold over 13,000 brooms for just one of

their sweepers. Take into account all of the other manufacturers as well as independent broom makers, and you have at least several million plus brooms a year going into the landfills in the U.S.

"How much Toxic metals are in used brooms?"

A used 36" 4 segment broom has approximately 18 pounds of wire left when it is worn out. On average, broom wire contains about .35% of each of the metals or 0.063 pounds of each metal per broom. If your annual broom usage were 120 brooms, there would be 7.5 pounds of each metal going to your landfill annually.

"My general recycler takes our used brooms, is this OK?"

"NO" Most general recyclers only take paper, plastic (rated for recycling), aluminum etc. In their sorting process if they come across mixed product such as a sweeper broom, they will cull out the product and place it into the general refuse waste stream going to a landfill. They will not separate mixed product such as broom backers and wire.

"Can we give plastic back brooms to our metals recycler?"

"NO" Metals recyclers will not take mixed product like plastic backed or plywood backed brooms either. If a metals recycler finds this type of product they will cull out the product and dispose of it in the general refuse waste stream to a landfill. They will not separate mixed product such as broom backs and wire.

"How large a problem is this?"

In the state of Wisconsin, we conservatively estimate that 15,000 used brooms annually go to landfills. Using the constituency levels of the toxic metals in wire, there could be 1,000 pounds of each of the metals deposited annually in our landfills. This is a very large problem.

"What happens to the wire when we are sweeping with it?"

As you are sweeping and the wire is wearing down, a fine dust residue is left behind on the street. The dust residue contains the metals. Just like the dust you get when you grind metal on a grinding wheel. With rain and snow, the residues are washed into storm water systems and eventually to other water supplies.

"Does your broom wire contain these metals?"

NO!! Our broom wire does not contain Cadmium, Chromium, Copper or Nickel. It is much more environmentally safe than industry standard wire, while maintaining the characteristics needed to sweep.

Mounting Brooms

How easy is it to mount and dismount your brooms on the machine?

Our brooms are very easy to mount or dismount on your machine compared to segmented brooms. After your segmented broom has been removed, proceed as follows:

- 1) Leave the spinner out and in the down or sweep position.
- 2) Slide our broom under the spinner (With spacers on).
- 3) Align a bolt with the hole that is facing towards the front of the machine.
- 4) Let the spinner drop down so the bolt comes up through the mounting hole.
- 5) Start your nut and washer. Do not tighten the nut.
- 6) Raise the opposite side of the broom and start a nut and washer. Do not tighten the nut.
- 7) Start the remaining nuts and washers.
- 8) Secure all nuts to a minimum of 50 foot-pounds of torque.
- 9) Your broom is now mounted.

Mounting nuts are on top of the spinner and not exposed to elements that would corrode the threads and are easily accessible. Plastic back brooms with the mounting nut in the plastic can spin requiring a torch to remove the bolt. Our bolts are welded in the backer.

Our brooms have half the fasteners of segment brooms. An 8-bolt segment broom is replaced by our 4-bolt mount broom. Our 3-bolt mount broom replaces a 9-bolt segment broom.

Wood backed brooms require the operator to either reach behind or underneath the broom segments to start or remove fasteners for broom changes. This creates a safety issue for the operator by being cut by the sharp broom wire ends. Our broom alleviates this problem.

Pricing

How do your metal backed brooms compare in price to standard brooms?

Our brooms are very competitively priced when all factors are taken into account. Our brooms save you money in down time, sweep time and sweep capability. Call, visit our Web Site "Customer Comments" page, e-mail or FAX a request for a price quote.

How much money can be saved by using your brooms?

The additional sweep time that our broom affords could help you to reduce your broom budget substantially. Also, our brooms are easier and faster to change. Our brooms can be changed in 1/5 the time of a segment broom. This is real labor saving dollars.

Additional savings come from never having to use a torch to remove corroded fasteners with our fastening system. Nuts and threads are on top of spinner, which minimizes or eliminates corrosion problems.

Also, because our brooms are fully recyclable without having to be reworked by separating wire from the backer for disposal, will save you additional labor dollars.

Recyclability

Why should your brooms be recycled?

There are several major issues for recycling our brooms.

First, broom wire contains toxic metals. The metals are Cadmium, Chromium, Copper, Nickel, Vanadium, and Lead. The amounts vary from wire manufacturer to manufacturer. The metals are necessary to make the wire perform in the sweeping environment. We know that the metals break down and eventually migrate to ground water supplies once they are placed into a landfill.

Second, by placing the spent brooms into the metals recycling system, you are relieving the burden on landfills by not placing the bulk of the broom into that landfill. Our brooms once placed in a metals recycling waste stream will not be removed and placed into a landfill. Recyclers will not separate mixed product such as plastic/wood backed side brooms and will send them to the landfill from their facility.

Third, The plastic backer used on the majority of brooms sold never degrade and stay in the land fill. By recycling our brooms and not using a plastic back broom, you are helping to alleviate the burden on landfills.

Shipping Assistance

What are the usual shipping charges for your brooms?

Shipping charges for brooms would be the same as charges for other types of brooms. We can ship brooms via U.P.S., Truck or SWEEPPERSONLINE, INC. delivery truck. Sizes of brooms as well as quantity and distance of shipment would dictate which type of carrier that would be used.

What is your "Shipping Assistance" schedule?

The "Shipping Assistance" schedule is a program where SweepersOnline, Inc. will pay the freight charges to your facility. To take advantage of this program, there are minimum aggregate order quantities based on destination. If your annual broom usage would warrant utilizing this program, contact us for a quote on program benefits.

Sweep Capability

How well does your broom sweep?

Compared to industry standard brooms, our brooms sweep much better. The wire is set in the backer at a 35 degree angle instead of the 20 degree angle of standard brooms. The additional wire angle requires less down force to achieve sweep and flick to get the dirt to your pickup head. Less down force means longer broom life. The increased angle of the wire allows the brush to flair more for a better foot print.

I have a problem with being too close to curbing when cornering?

Our broom will help you to stop this problem. The design of our broom increases the foot diameter of the broom. A standard 36-inch broom replaced by our broom will have a 40-inch foot diameter. A 4-inch increase in broom foot diameter will help to stand the sweeper an additional 2 inches off of the curb line.

How will your broom help with compacted dirt in curb-lines?

Our broom will help you with this problem. The additional wire angle gets the brush wire deeper into the curb for better sweep capability. In addition, the brush wire is splayed at the ends to give you the ability to reach further into the curb.

Why does my broom ride up on curbing when the wire gets short?

This is caused by segmented broom wire being set at a 20-degree pitch in the backer. When segmented brooms are sweeping, the wire is virtually pointing straight down. Our broom wire is set in the backer at a 35-degree pitch angle. This places the wire at an angle that will not allow the broom to ride up on the curb.

Will your broom help stop pick up head impact when cornering?

YES !! The larger foot diameter of our brooms will stand your sweeper farther off curbing and obstacles. This will help to keep your pickup head from impacting curbing or obstacles when cornering.

I have a problem sweeping compacted clay. The fine dust is difficult to sweep. Will your broom help with this problem?

YES !! We manufacture the "Combo" broom. The design of this broom does a much better job with the clay dust. Brush wire is alternated with steel and poly wire around the diameter of the broom. The steel wire breaks up the compacted clay and the poly wire sweeps the dust residue.

Sweep Time

Will your broom help increase sweep time?

YES !! Our broom wire is set in the backer at a 35-degree pitch angle. Less down force on the broom is required to achieve sweep and flick to the pick up head. Less down force means increased sweep time over segmented brooms.

How many hours are your brooms achieving in curb and gutter sweeping?

28" "Standard Duty" broom is achieving 120 hours sweep time. "Super Duty" 170 hours.
36" "Standard Duty" broom is achieving 150 hours sweep time. "Super Duty" 200+ hours.
44" "Standard Duty" broom is achieving 150 hours sweep time. "Super Duty" 200+ hours.
You can see that these sweep times are on average much better than segmented brooms.

Why did I only get 21 hours sweep time from your broom?

This is an extremely low sweep time for our brooms. There has to be a problem with your sweeper controls. Maximum down force would have to be applied for the premature wear down on our broom. Make sure that your sweep controls are functioning properly when the broom is set in the sweep mode. Equipment malfunctions are a major cause of premature broom wear.

Technical Questions

Why use a steel backed broom verses a plastic backed broom?

SweepersOnline, Inc. manufactures the metal backed broom for its strength and durability. If our broom is impacted and bent, it can be straightened and continue to be used. Plastic or plywood back's can shatter upon impact therefore requiring the broom to be changed. Plus, they are the only fully recyclable broom made and should not be disposed of in the Land Fill.

What is the value in using a steel backed broom?

The value lies in the fact that our brooms are achieving up to 150 hours of sweep time. This is due to the increased wire pitch angle to 35 degrees. Our brooms are easier, faster and safer for the operator/mechanic to change, saving you time and money. Additional value is that the broom is fully recyclable and not being disposed of in land fills.

What is a stand off spacer?

Stand off spacers are used in the mounting process for the broom. The spacers are not to be disposed of when brooms are changed and are to be re used on the new brooms. We supply the stand off spacers no charge with your initial order for the number of machines required.

What type of steel brush wire is used in your brooms?

We use two types of steel wire. "Oil Tempered" and "Thermal Tempered Cold Rolled". Both wire types have identical properties as to hardness and tensile strength. When ordering brooms, it is your choice as to which type of wire you would like. We recommend the "Thermal Tempered Cold Rolled" for it's durability.

What's New and Exciting?

"Combo" broom?

Our "Combo" broom is a combination broom containing "Steel" and "Polypropylene" wire brush packs. The brush packs alternate around the broom instead of being mixed together. This broom has the ability to loosen hard-crusting dirt and then sweep the fine dirt away. This combination broom works well at construction sites and areas that require a versatile sweeping broom for different types of dirt at one location.

"Super Duty" Broom

We are now into production of our "Super Duty" broom. This option adds 50% more wire than our "Standard Duty" broom. This broom is designed for aggressive sweeping in difficult environments. The "Super Duty" broom is achieving sweep times in excess of 200 hours in normal street sweeping applications.

"New Wire"

We have researched and specified a new broom wire. The composition of the new broom wire could give us 2 1/2 to 3 times the life of our present broom wire. The new wire is scheduled to be tested shortly. We will advise our customers of the test results when they are in and post the results on our web site.

"Dirty Digger" Broom

The Broom that Loves to "Root" in the Mud/Crud that other Brooms won't go near.
Eats Weeds in gutters better than a "Billy Goat".

During trials of the "Dirty Digger" broom, one contract sweeper realized a 2/3 reduction in sweeping costs. He went from using 2 sweepers and 3 employees to 1 sweeper and 1 employee to accomplish the same sweeping job because of the "Dirty Digger" broom. Savings realized by using the "Dirty Digger" broom can be substantial.

The "Dirty Digger" is designed and engineered for the most difficult sweeping where compacted clay and dirt are a problem at construction sites and landfills. The "Dirty Digger" is made using wire rope, alternating between wire brush packs. The wire rope cuts into and breaks up the compacted clay and dirt much better than using all wire. The wire sweeps the dirt residue into the pick up head area. The "Dirty Digger" also works extremely well where weeds are a problem. The cutting action of the wire rope is very similar to the way a "Weed Eater" cuts weeds. The "Dirty Digger" works extremely well for "Remediation" work, where old building floors have to be cleaned of dry compacted dirt and lubricants.

The "Dirty Digger" may be configured with "Poly" wire or all wire rope for sweeping the most difficult areas depending upon your requirements.

A very AGGRESSIVE Broom designed for the most difficult sweeping. The "Dirty Digger" will reduce your difficult sweeping times substantially.

The "Dirty Digger" also works extremely well where weeds are a problem in the gutter area. The wire rope does a better job of cutting the weeds out of the gutter area than all wire brooms. The cutting action of the wire rope is very similar to the way a "Weed Eater" cuts weeds.

The "Dirty Digger" broom can also be configured with "Poly" wire if required.

The "Dirty Digger" also works extremely well for curb and gutter sweeping giving you a dual-purpose broom that performs better than standard all wire brooms.

Our standard "Ease of Mounting" features are designed into the broom to make mounting and dismounting faster, safer and easier.